



PAJ 1994 bis
heute



Ihre Suchanfrage: PA: "HITACHI DENSHI LTD " IC: "H03G003-20 " TI: "RADIO EQUIPMENT"
Datensatz 1 von 2



(19) **JAPANESE PATENT OFFICE**

(11) Publikationsnummer: JP 09172336 A

(43) Publikationsdatum: 19970630

(51) int. Klassifikation: **H03G003-20**

(ICS) H03F001-30

H03F001-32

H03F003-20

H03G003-30

H04B001-04

(71) Anmelder:

HITACHI DENSHI LTD

(72) Erfinder:

SASAKI SATOSHI

(21) Anmeldeinformation:

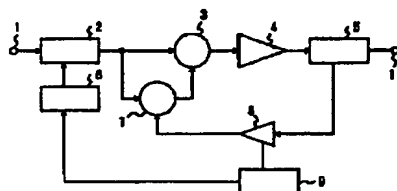
19951220 JP 07-331572

RADIO EQUIPMENT

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce the circuit scale by providing a temperature sensor in a feedback circuit to sense a temperature and outputting an output correction value corresponding to a fluctuation in a transmission power due to a temperature change thereby obtaining a stable feedback gain against the temperature fluctuation.

SOLUTION: A modulation signal received from a modulation signal input terminal 1 is amplified by a power amplifier section 4 and outputted from a transmission output terminal 10. Part of a transmission output signal is given to a subtractor 7 from a directional coupler 5 as a feedback signal. The subtractor 7 compares the modulation signal and the feedback signal to provide an output of a signal corresponding to the level difference and it is fed to a distortion correction device 3, in which distortion in the power amplifier section 4 is corrected for a modulation signal; and a



transmission output is outputted. On the other hand, a feedback circuit temperature sensor 9 senses a temperature fluctuation in a feedback circuit 8, sensed temperature data are given to a database section 6, in which the data are converted into output level correction data stored in advance, which are used to control a level correction device 2. The device 2 corrects an amplitude level of the modulation input signal to conduct temperature compensation to keep the transmission power constant.

CD-Volume: MIJP9706PAJ JP 09172336 A
001

Copyright: JPO 19970630

PAJ Ergebnis

Ende

